

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
2800 BERLIN TURNPIKE
NEWINGTON, CONNECTICUT 06111

INVITATION TO BID:

Date Advertised: September 16, 2015

Sealed bids for the construction of the following project(s) will be received by the Commissioner of Transportation, by submitting the bid electronically (only) through the Bid Express Website (bidx.com). PAPER BIDS WILL NOT BE ACCEPTED as of September 1, 2012.

Bid Opening (letting) Date and Time: Wednesday October 14, 2015 at 2:00 p.m. No bids will be accepted after 2:00 pm. **NO EXCEPTIONS.** The official time is the Bid Express letting time indicator. The bids will be publicly opened and read in the CONFERENCE ROOM on the main floor.

Proposal ID Number: 0146-0196

State Project Number(s) & Description: Project No. 146-196; Replacement of Bridge No. 05588 on Route 74 over Hockanum River in town of Vernon

Federal-aid Project Number(s) & Funding Source: FHWA (0074(022)) & State

Pre-Bid Conference and/or Site Visit Information: N/A

District Number(s): 1 Rocky Hill

Contract Goal: 9% DBE

Project Scope Code: E

A list of bid items and quantities is attached. This list is **NOT** the official bid proposal form.

OFFICIAL BID PROPOSAL FORMS MUST BE REQUESTED – Please complete the Bid Proposal Request Form (Part C) located on the DOT website at the following LINK - <http://www.ct.gov/dot/cwp/view.asp?a=2288&q=259262>, and submit it by email to DOTContracts@ct.gov. Please read the instructions on the Part C Form.

**PLANS, SPECIFICATIONS & ADDENDA ARE AVAILABLE ON THE
CONTRACTING PORTAL FREE OF CHARGE**

Secure Electronic Bidding Thru Bid Express (www.bidx.com): Please refer to the attached document entitled “Electronic Bidding Instructions / Requirements for Bidders”.

Prequalification Requirements: Prospective bidders must be prequalified with the Department of Transportation and have on file a sworn Statement (CON 16) by the time of the bid. In order to help ensure that prospective bidders may become prequalified in time for the bid opening for a given contract, contractors should be certain to return the Prequalification Application (CON 16) with all necessary information, signatures and notarized documents, to the DOT Contracts Unit at least thirty (30) calendar days before requesting a bid proposal form for that contract.

Bid Proposal Forms: All prospective bidders requesting to obtain the “official” Bid Proposal Form must submit a completed Bid Proposal Request Form (Part "C") to the DOT Contracts Unit per the above

instructions.

If the Bid Proposal Request Form (Part C) and the Contractor's Prequalification Application are found to be satisfactory, the bidder will receive an email response from the Department instructing the bidder to download the electronic Bid Proposal Form (aka EBS file) from the Bid Express Website (bidx.com).

Eligible/validated bidders will be required to download the official Bid Proposal Form (aka EBS file) and associated amendment files (.00#) from the Bid Express website (bidx.com), only after they have received the email response from the Department approving them to bid.

It is the bidder's responsibility to ensure that they download the complete official Bid Proposal Form (EBS file) and any amendment files (.00#) associated with that specific Bid Proposal Form, from the latest letting date. Amendment files (.00#) are posted to the Bid Express website when there is a change to the bid proposal form, including a letting date change. The Department is not liable for the bidder's failure to ensure that they download the official Bid Proposal Form (EBS file) and amendment files (.00#) from the Bid Express website.

NOTE: Prequalification status is confirmed every time a contractor submits a Request for Bid Proposal Form (Part C). All bid proposals must be on the electronic bid form/file furnished by the Department of Transportation. Official bid proposals are not included in the Plans and Specifications and are non-transferable.

FTA - Buy America Certificate and Certification Regarding Lobbying: These certifications are required with all Federal Transit Administration funded projects. Please refer to funding source above to determine the requirement.

Bid Security: Except when otherwise specified in the bid documents, no proposal will be considered unless; (a) it is accompanied by a proposal guaranty in the form of a bid bond from a surety company, satisfactory to the Commissioner, on the form furnished by the Department, in an amount equal to at least 30% of the amount of the bid; or (b) the bidder has on file in the Contract Section a current annual bid bond, satisfactory to the Commissioner, on the form provided by the Department for an amount equal to at least 30% of the aggregate amount of all current bids by the bidder for the Department's construction contracts.

When submitting the bid electronically through Bid Express (Bidx.com), bidders must scan and submit the bid bond in PDF format, properly completed and signed, prior to the date and time of the bid opening, via a single email to dotbid@ct.gov. In the subject matter of the email please enter "Bid Bond – Project Number(s) xxxx-xxxx". The original signed bid bond will be required of the low bidder within 7 days after the bid opening.

DOT encourages all bidders to file an "Annual" Bid Bond with the Department so that the bidder does not have to submit a bid bond each time they bid on a specific project/proposal.

At the time of the bid opening, the surety must be a corporate surety licensed by the Insurance Commissioner of the State of Connecticut and must hold a Certificate of Authority as an acceptable Surety and/or Reinsuring Company acceptable to the Federal Department of Treasury. The surety's underwriting limitation must not be less than the full amount required by the bond, itself.

Contractor/Bidder Questions: All questions must be in writing and emailed to the Contract Unit's central mailbox at DOTContracts@ct.gov. In the subject matter of your email, please indicate "Pre-bid Question Project Number(s) xxxx-xxxx"

Any bidder that discovers an error in the bid proposal or contract documents, including but not limited to the plans, must report that error in a letter to the Manager within two (2) business days of discovering the error. A failure to do so may result in the Commissioner's finding the contractor to be nonresponsible as the low bidder for one or more Department contracts, and may be subject to other adverse action by the Department.

Affidavits / Certifications / Affirmations (OPM Forms): As a result of Public Act 11-229, the process in which the Department will receive Affidavits/Certifications/Ethics Affirmation Forms (OPM Forms), for the purpose of contract bidding and contract award, has been revised. The new law greatly simplifies the requirements and allows for the use of electronic Forms (PDFs). The following link will guide you to the revised OPM Forms:

http://www.ct.gov/opm/cwp/view.asp?a=3006&Q=386312&opmNav_GID=1386

Under the new law, the Affirmation of Receipt of State Ethics Laws Summary (OPM Form 6) and the Consulting Agreement Affidavit (OPM Form 5) will only have to be filed once and will be updated only if any information on the form changes. The Gift and Campaign Contribution Certification (OPM Form 1) and Nondiscrimination Certifications will be filed once per year, with any updates required upon changes to information. Updates are required within 30 days of any change. The Forms are no longer contract specific, but are required to be filed (uploaded) with the Department of Administrative Services (DAS) online system (Biznet), prior to award and/or execution of any contract.

All bidders must upload the applicable/required “Forms” to the DAS online system (Biznet). Please access the LINK to subscribe to Biznet and download the “Vendor Guide to Uploading Affidavits and Nondiscrimination Forms Online (PDF)”. <http://das.ct.gov/cr1.aspx?page=371>

Once the “Forms” are on file with the DAS online system (Biznet), the contractor’s obligation is complete, until the need for revisions/updates and/or new annual submission as required by the specific Form.

DBE Participation: The contract goal for DBE participation equaling the percent (indicated above) of the total Contract value has been established for this Contract. Compliance with this provision may be fulfilled when a DBE or any combination of DBEs perform work under the contract in accordance with 49 CFR Part 26 Subpart C Section 26.55, as revised.

The Department of Transportation hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, qualified Disadvantaged Business Enterprises or Small Contractor or Small Contractor Minority Business Enterprises will be afforded full opportunity to submit bids in response to this invitation and that they will not be discriminated against on the grounds of race, color, national origin, sex, sexual orientation, mental retardation or physical disability including but not limited to blindness, in consideration for an award.

Prevailing Wage Rates: The minimum rates to be paid labor of the various classifications shall be in accordance with current schedule of wages established by the State Labor Commissioner as provided in the General Statutes of Connecticut, as revised. The Contract Wage Certification Form is to be submitted to the Labor Commissioner before the award of the contract.

Other Information: All bidders are required to inform themselves fully of the conditions relating to the construction and labor under which the work will be or is now being performed and the contractor shall employ, as far as possible, such methods and means in the carrying out of this work as will not cause interruption or interference with any other contractor.

The Department, prior to the awarding of any contract, may require further financial and other information from any applicant who becomes the low bidder for that contract. The Commissioner of Transportation reserves the right to reject any and all bids.

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**

PROJECT SCOPE CODE

<u>CODE</u>	<u>FROM</u>	<u>TO</u>
"A"	LESS THAN	\$ 100,000
"B"	\$ 100,000	\$ 199,999
"C"	\$ 200,000	\$ 499,999
"D"	\$ 500,000	\$ 999,999
"E"	\$ 1,000,000	\$ 2,499,999
"F"	\$ 2,500,000	\$ 4,999,999
"G"	\$ 5,000,000	\$ 7,499,999
"H"	\$ 7,500,000	\$ 9,999,999
"I"	\$ 10,000,000	\$ 14,999,999
"J"	\$ 15,000,000	\$ 19,999,999
"K"	\$ 20,000,000	\$ 29,999,999
"L"	\$ 30,000,000	\$ 39,999,999
"M"	\$ 40,000,000	\$ 59,999,999
"N"	\$ 60,000,000	\$ 89,999,999
"O"	\$ 90,000,000	\$ 119,999,999
"P"	\$ 120,000,000	\$ 159,999,999
"Q"	\$ 160,000,000	\$ 199,999,999
"R"	\$ 200,000,000	\$ 249,999,999
"S"	\$ 250,000,000	\$ 299,999,999
"T"	\$ 300,000,000	\$ 399,999,999
"U"	\$ 400,000,000	\$ 499,999,999
"V"	\$ 500,000,000	\$ 599,999,999
"W"	\$ 600,000,000	AND OVER



Connecticut Department Of Transportation Proposal

Date Of Opening : October 14, 2015

Proposal ID : 0146-0196

Projects : 0146-0196

Districts : Rocky Hill

Towns : VERNON



Proposal ID : 0146-0196

Replacement of Bridge No 05588 on Rte 74 over Hockanum River

Time ID	Completion Date or Number of Units	Unit Type	Time Type	Liquidated Damages Rate	Contract Time Flag
00	161	Days	CD	2,000.00 Days	√

Bidders must enter all unit prices, make all extensions, and total the bid.



Proposal Schedule of Items

Page 1 of 10

Proposal ID: 0146-0196

Project(s): 0146-0196

SECTION: 1

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	0201001 CLEARING AND GRUBBING	1.000 LUMP SUM				
0020	0202000 EARTH EXCAVATION	716.000 c.y.				
0030	0202200 CHANNEL EXCAVATION-EARTH	150.000 c.y.				
0040	0202216 EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL ** See Special Provisions **	93.000 c.y.				
0050	0202452 TEST PIT ** See Special Provisions **	3.000 ea.				
0060	0202529 CUT BITUMINOUS CONCRETE PAVEMENT	71.000 l.f.				
0070	0203202 STRUCTURE EXCAVATION-EARTH (EXCLUDING COFFERDAM AND DEWATERING)	315.000 c.y.				
0080	0204001 COFFERDAM AND DEWATERING ** See Special Provisions **	250.000 l.f.				
0090	0204110 COFFERDAM MATERIAL LEFT IN PLACE ** See Special Provisions **	800.000 s.f.				
0100	0204151 HANDLING WATER ** See Special Provisions **	1.000 LUMP SUM				



Proposal Schedule of Items

Page 2 of 10

Proposal ID: 0146-0196

Project(s): 0146-0196

SECTION: 1

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0110	0205003 TRENCH EXCAVATION 0'-10' DEEP	32.000 c.y.	_____	_____	_____	_____
0120	0209001 FORMATION OF SUBGRADE	1,356.000 s.y.	_____	_____	_____	_____
0130	0210100 ANTI-TRACKING PAD ** See Special Provisions **	133.000 s.y.	_____	_____	_____	_____
0140	0210820 WATER POLLUTION CONTROL (ESTIMATED COST-PLUS)	5,000.000 est.		1.00		5,000.00
0150	0212000 SUBBASE	452.000 c.y.	_____	_____	_____	_____
0160	0213051 GRAVEL STREAMBED MATERIAL ** See Special Provisions **	79.000 c.y.	_____	_____	_____	_____
0170	0213100 GRANULAR FILL	77.000 c.y.	_____	_____	_____	_____
0180	0216000 PERVIOUS STRUCTURE BACKFILL	120.000 c.y.	_____	_____	_____	_____
0190	0219001 SEDIMENTATION CONTROL SYSTEM	878.000 l.f.	_____	_____	_____	_____
0200	0401441 1/2" PREFORMED EXPANSION JOINT FILLER	120.000 s.f.	_____	_____	_____	_____
0210	0406170 HMA S1	234.000 ton	_____	_____	_____	_____
0220	0406171 HMA S0.5	391.000 ton	_____	_____	_____	_____



Proposal Schedule of Items

Page 3 of 10

Proposal ID: 0146-0196

Project(s): 0146-0196

SECTION: 1

Cat Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0230	0406173 HMA S0.25	15.000 ton				
0240	0406236 MATERIAL FOR TACK COAT	83.000 gal				
0250	0406303 SAWING AND SEALING JOINTS ** See Special Provisions **	128.000 l.f.				
0260	0502223 TEMPORARY BRIDGE AND APPROACHES ** See Special Provisions **	1.000 LUMP SUM				
0270	0503866 REMOVAL OF EXISTING CULVERT (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM				
0280	0507021 TYPE "C" CATCH BASIN DOUBLE GRATE - TYPE I	1.000 ea.				
0290	0514228 PRESTRESSED DECK UNITS (4'-0" X 1'-9")	460.000 l.f.				
0300	0521001 ELASTOMERIC BEARING PADS	7,360.000 c.i.				
0310	0601000 CLASS "A" CONCRETE	5.000 c.y.				
0320	0601201 CLASS "F" CONCRETE	147.000 c.y.				
0330	0601276 PRECAST SUBSTRUCTURE ELEMENTS ** See Special Provisions **	101.000 c.y.				



Proposal Schedule of Items

Page 4 of 10

Proposal ID: 0146-0196

Project(s): 0146-0196

SECTION: 1

Cat Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0340	0602006 DEFORMED STEEL BARS - EPOXY COATED	18,610.000 lb.				
0350	0602053 WELDED WIRE FABRIC	780.000 lb.				
0360	0603233 GALVANIZING STRUCTURAL STEEL (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM				
0370	0603801 STRUCTURAL STEEL ** See Special Provisions **	85.000 cwt.				
0380	0651001 BEDDING MATERIAL	2.000 c.y.				
0390	0651011 12" R.C. PIPE	15.000 l.f.				
0400	0652009 12" R.C. CULVERT END	1.000 ea.				
0410	0702101 FURNISHING STEEL PILES	16,000.000 lb.				
0420	0702111 DRIVING STEEL PILES	190.000 l.f.				
0430	0702120 POINT REINFORCEMENT FOR STEEL PILES	10.000 ea.				
0440	0702798 PILE TESTS ** See Special Provisions **	2.000 ea.				
0450	0702820 DYNAMIC PILE DRIVING ANALYSIS (P.D.A.) TEST	2.000 ea.				



Proposal Schedule of Items

Page 5 of 10

Proposal ID: 0146-0196

Project(s): 0146-0196

SECTION: 1

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0460	0703011 INTERMEDIATE RIPRAP	264.000 c.y.				
0470	0707009 MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC) ** See Special Provisions **	285.000 s.y.				
0480	0708001 DAMPPROOFING	110.000 s.y.				
0490	0751827 6"C.C.M.P. STRUCTURE UNDERDRAIN	80.000 l.f.				
0500	0751828 6"C.C.M. OUTLETS FOR UNDERDRAIN	30.000 l.f.				
0510	0811001 CONCRETE CURBING	234.000 l.f.				
0520	0815001 BITUMINOUS CONCRETE LIP CURBING	47.000 l.f.				
0530	0822001 TEMPORARY PRECAST CONCRETE BARRIER CURB	40.000 l.f.				
0540	0822002 RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB	20.000 l.f.				
0550	0904487 METAL BRIDGE RAIL (HANDRAIL) ** See Special Provisions **	130.000 l.f.				
0560	0910170 METAL BEAM RAIL (TYPE R-B 350)	307.000 l.f.				



Proposal Schedule of Items

Page 6 of 10

Proposal ID: 0146-0196

Project(s): 0146-0196

SECTION: 1

Cat Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0570	0910173 R-B 350 BRIDGE ATTACHMENT - VERTICAL SHAPED PARAPET	2.000 ea.				
0580	0910174 R-B 350 BRIDGE ATTACHMENT - JERSEY SHAPED PARAPET	2.000 ea.				
0590	0911923 R-B END ANCHORAGE-TYPE I	4.000 ea.				
0600	0912503 REMOVE METAL BEAM RAIL	440.000 l.f.				
0610	0917010 REPAIR GUIDERAIL (ESTIMATED COST) ** See Special Provisions **	1,000.000 est.		1.00		1,000.00
0620	0921001 CONCRETE SIDEWALK	1,620.000 s.f.				
0630	0921005 CONCRETE SIDEWALK RAMP	30.000 s.f.				
0640	0921039 DETECTABLE WARNING STRIP	1.000 ea.				
0650	0925201 PAVEMENT FOR RAILING	132.000 s.y.				
0660	0942001 CALCIUM CHLORIDE FOR DUST CONTROL	1.000 ton				
0670	0943001 WATER FOR DUST CONTROL	95.000 m.ga				
0680	0944000 FURNISHING AND PLACING TOPSOIL	250.000 s.y.				



Proposal Schedule of Items

Page 7 of 10

Proposal ID: 0146-0196

Project(s): 0146-0196

SECTION: 1

Cat Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0690	0950019 TURF ESTABLISHMENT - LAWN ** See Special Provisions **	250.000 s.y.				
0700	0952051 CONTROL AND REMOVAL OF INVASIVE VEGETATION ** See Special Provisions **	773.000 s.y.				
0710	0969062 CONSTRUCTION FIELD OFFICE, MEDIUM ** See Special Provisions **	12.000 mo.				
0720	0970006 TRAFFICPERSON (MUNICIPAL POLICE OFFICER) (ESTIMATED COST) ** See Special Provisions **	100,000.000 est.		1.00	100,000.00	
0730	0970007 TRAFFICPERSON (UNIFORMED FLAGGER) ** See Special Provisions **	200.000 hr				
0740	0971001 MAINTENANCE AND PROTECTION OF TRAFFIC ** See Special Provisions **	1.000 LUMP SUM				
0750	0975004 MOBILIZATION AND PROJECT CLOSEOUT	1.000 LUMP SUM				
0760	0976002 BARRICADE WARNING LIGHTS - HIGH INTENSITY	1,630.000 day				
0770	0978002 TRAFFIC DRUM	10.000 ea.				
0780	0979003 CONSTRUCTION BARRICADE TYPE III	10.000 ea.				



Proposal Schedule of Items

Page 8 of 10

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Project(s): 0146-0196

SECTION: 1

Cat Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0790	0980001 CONSTRUCTION STAKING	1.000 LUMP SUM				
0800	0981100 42" TRAFFIC CONE	30.000 ea.				
0810	1131002 REMOTE CONTROL CHANGEABLE MESSAGE SIGN ** See Special Provisions **	28.000 day				
0820	1206023 REMOVAL AND RELOCATION OF EXISTING SIGNS ** See Special Provisions **	1.000 LUMP SUM				
0830	1208927 SIGN FACE - SHEET ALUMINUM (TYPE IX REFLECTIVE SHEETING)	13.000 s.f.				
0840	1208929 SIGN FACE - SHEET ALUMINUM (TYPE IV REFLECTIVE SHEETING)	3.000 s.f.				
0850	1210101 4" WHITE EPOXY RESIN PAVEMENT MARKINGS ** See Special Provisions **	1,052.000 l.f.				
0860	1210102 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS ** See Special Provisions **	1,052.000 l.f.				
0870	1220027 CONSTRUCTION SIGNS	355.000 s.f.				
0880	1300007 EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL (WATER MAIN) ** See Special Provisions **	20.000 c.y.				



Proposal Schedule of Items

Page 9 of 10

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SECTION: 1

Cat Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0890	1301017 FURNISHING AND INSTALLING TEMPORARY WATER MAIN CROSSING ** See Special Provisions **	1.000 LUMP SUM				
0900	1301085 16" DUCTILE IRON PIPE (WATER MAIN) ** See Special Provisions **	104.000 l.f.				
0910	1301487 16" 45 DEGREE BEND ** See Special Provisions **	8.000 ea.				
0920	1301517 16" 22.5 DEGREE MECHANICAL JOINT BEND ** See Special Provisions **	4.000 ea.				
0930	1302183 16" DUCTILE IRON PRE-INSULATED PIPE ** See Special Provisions **	60.000 l.f.				
0940	1303388 16" CONNECTION TO WATER MAIN ** See Special Provisions **	2.000 ea.				
0950	1304111 CLASS "C" CONCRETE (WATER MAIN) ** See Special Provisions **	10.000 c.y.				
0960	1304123 COMPACTED GRAVEL FILL (WATER MAIN) ** See Special Provisions **	20.000 c.y.				
0970	1309301 DISINFECTION OF WATER MAIN ** See Special Provisions **	1.000 LUMP SUM				
Section: 1			Total:			

Total Bid: _____.

